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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |   | ATTORNEY'S DOCKET NUMBER<br>29248/29<br><br>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><div style="font-size: 2em; font-weight: bold; text-align: center;">10/580962</div> |
| INTERNATIONAL APPLICATION NO.<br>PCT/BE2004/000172   | INTERNATIONAL FILING DATE<br>2 December 2004 (02.12.2004) | PRIORITY DATE CLAIMED<br>2 December 2003 (02.12.2003)  |
| TITLE OF INVENTION<br><div style="text-align: center;">USE OF D4 AND 5-HT2A ANTAGONISTS, INVERSE<br/>AGONISTS OR PARTIAL AGONISTS</div>  |   |  |
| APPLICANT(S) FOR DO/EO/US<br><div style="text-align: center;">Erik Buntinx</div>   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |   |  |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>   |   |  |

14P20 Rec'd PCT/PTO 31 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |              |   |         |                                      |  |
|--|--------------|---|---------|--------------------------------------|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><div style="font-size: 24pt; font-weight: bold;">10/580962</div>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/BE2004/000172                            |         | ATTORNEY'S DOCKET NUMBER<br>29248/29 |  |
| 20. Other items or information: International Search Report (9 pgs) International Preliminary Report on Patentability (14 pgs)   |              |   |         |                                      |  |
| The following fees have been submitted   |              |   |         | CALCULATIONS      PTO USE ONLY       |  |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300  |              |   |         | \$ 300.00                            |  |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  |              |   |         | \$ 200.00                            |  |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0<br>All other situations..... \$200   |              |   |         | \$ 200.00                            |  |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))   |              |   |         | \$ 400.00                            |  |
| If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100<br>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400<br>All other situations..... \$500 |              |   |         | \$ 400.00                            |  |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   |         | \$ 900.00                            |  |
| <input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).<br>The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |         | \$ 1000.00                           |  |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE    | \$                                   |  |
| 253 - 100 =  | 153 /50 =    | 4   | x \$250 | \$ 1000.00                           |  |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  |              |   |         | \$                                   |  |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE    | \$                                   |  |
| Total claims   | 28 - 20 =    | 8   | x \$ 50 | \$ 400.00                            |  |
| Independent claims   | 4 - 3 =      | 1   | x \$200 | \$ 200.00                            |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   |         | + \$360                              |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |         | \$ 2500.00                           |  |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |         | \$ 1250.00                           |  |
| <b>SUBTOTAL =</b>  |              |   |         | \$ 1250.00                           |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |              |   |         | \$                                   |  |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |         | \$ 1250.00                           |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |         | \$                                   |  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |         | \$ 1250.00                           |  |
| Amount to be refunded:   |              |   |         | \$                                   |  |
| Amount to be charged   |              |   |         | \$                                   |  |

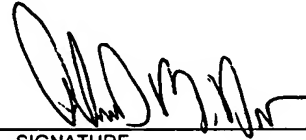
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- a. ☒ A check in the amount of \$ 1,250.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1785. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

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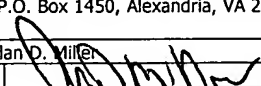
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May 31, 2006

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| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |   |
| Name:   | Alan D. Miller  |
| Signature:  |  |

Re: United States National Stage Filing  
of PCT Application No. PCT/BE2004/000172  
Title: USE OF D4 AND 5-HT2A ANTAGONISTS, INVERSE AGONISTS  
OR PARTIAL AGONISTS  
Applicant: Erik Buntinx  
Our File: 29248/29

Dear Sir:

Pursuant to 35 U.S.C. § 371 and 37 C.F.R. § 1.495, enclosed please find an application for patent in the name of Erik Buntinx, entitled "USE OF D4 AND 5-HT2A ANTAGONISTS, INVERSE AGONISTS OR PARTIAL AGONISTS," for entering the national stage in the United States of America, comprising the following:

1. a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 (3 pages);
2. a copy of PCT Application No. PCT/BE2004/000172 as published under PCT Publication No. WO 2005/053796A1, including cover page (1 sheet), specification (211 pages), claims (27 pages), figures (15 sheets), and International Search Report (9 pages);
3. Preliminary Amendment and Information Disclosure Statement (10 pages), Forms PTO/SB/08A-B (5 pages), and 40 references;

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4. a copy of the International Preliminary Report on Patentability (14 pages) issued in connection with International Application PCT/BE2004/000172;
5. Declaration (3 pages) and Power of Attorney (1 page);
6. a check in the amount of \$1,250.00; and
7. a Return Receipt Postcard.

Please charge any outstanding amount or credit any overpayment to Deposit Account No. 01-1785. A duplicate copy of this letter is enclosed. Please also acknowledge receipt of the enclosed documents by stamping the enclosed postcard and returning the same to us.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN LLP  
Attorneys for Applicant  
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New York, New York 10016  
(212) 336-8000

Dated: New York, New York  
May 31, 2006

By: 

Alan D. Miller  
Registration No. 42,889